ATI-5020  Liquid Level Probe

The ATI-5020 Liquid Level Probe provides incremental level monitoring for most liquids. A change in the level of liquid (in a tank, vat, well, etc...) moves one or more magnetic float(s) up or down the probe, tripping the internal sensor(s) and activating a corresponding indicator and/or alarm at the monitor.

**Measurable Liquids**
Water, petroleum products (i.e. gasoline, diesel, waste oil), chemicals, etc...

**Sensor (Explosion-proof)**
Immersion type stainless steel probe with one or more internal sensors which are activated by an external magnetic float. The probe-to-bottom depth can be adjusted with the compression fitting.

**Output(s)**
- **Standard:** One to 4 level contacts.
- **Circuit(s):** Normally Open.
- **Options:** 5 or more levels.

**Dimensions**
- **Lengths:** 2 to 8 feet in 1 foot increments (measurement range). Custom probes are available in non-standard lengths. **NOTE:** Probes over 10’11” are not CSA certified.
- **Standard Mounting:** 2” NPT male threaded reducer. For other sizes contact Armstrong Technologies.

**Operating Temperature Range**
-40°C to +80°C (-40°F to +176°F).
* Depends on freezing point of the liquid and/or "pour-point" rating (i.e.: P-30 liquid freezes below -30°C).

**Electrical Rating**
100 mA @ 24 VDC/VAC, resistive.

**Response Time**
Instantaneous (depends on rate of change of level).

**Repeatability**
Excellent, even after repeated immersions.

**Installation Wiring**
2 to 8-conductor shielded cable.

**Warranty**
One (1) year, limited warranty.